

United States Environmental Protection Agency
Pollution Report

EPA Region 5 Records Ctr.



304868

I. HEADING

DATE: April 1, 1997

SUBJECT: Pollution Report for the Dayton Electroplate Site,
Dayton, Montgomery County, Ohio.

FROM: Steve Renninger, OSC, U.S. EPA, Region V ERB, Cincinnati,
OH (ERU/REGV)

TO: E. Watkins, USEPA, OSWER, Wash. DC.....(VIA LAN)
R. Karl, Chief, ERB, Chicago, IL.....(VIA LAN)
J. El-Zein, Chief, RS-1, Grosse Ile, MI.....(VIA LAN)
A. Lilly, ESS, Chicago, IL.....(VIA LAN)
G. Narsete, Ofc Pub Affairs, Chicago, IL.....(VIA LAN)
J. DeLeon, USEPA, ORC, Chicago, IL.....(VIA LAN)
E. Rothschild, Ohio EPA, Dayton, OH.....(5132856249)
D. Combs, Ohio EPA, Dayton, OH.....(5132856404)
C. Morton, Ohio EPA, DERR, Columbus, OH.....(6146443250)
K. Clouse, Ohio EPA, DERR, Columbus, OH.....(6146443250)
D. Hall, City of Dayton, Env. Mang., Dayton, OH... (5132282833)
A. Steele, Dayton Fire Dept., Dayton, OH.....(5134434519)
N. Zebrowski, City of Dayton, Code Enf., Dayton, OH (5134434294)
B. Ring, Dayton Haz-Mat Coordinator, Dayton, OH... (5138544721)

POLREP NO. 7

II. BACKGROUND

Site No:	A562
Response Authority:	CERCLA
NPL Status:	None
Start Date:	January 3, 1997
Completion Date:	TBD
Latitude:	39'46.724" North
Longitude:	84'09.762" West
CERCLA Incident Category:	Removal

III. SITE INFORMATION

A. Background:

- Refer to POLREP 1 for site background information.

B. Site Location/Description:

- The DE site is located at 1030 Valley Street, Montgomery County, Ohio. The DE site is located in an industrial/residential area within the northeast area of Dayton, Ohio. The DE site occupies approximately 4 acres bordered by Valley Street and State Route 4. The DE site includes two site buildings covering 60,000 square feet and four separate plating lines.

IV. RESPONSE INFORMATION

A. Current Situation:

- Abandoned wastes on site included acids, cyanide, caustics, flammable liquid, and mercury. Site security was initiated on January 3, 1997 due to vandalism and trespassing. On January 9, 1997, the Superfund Technical Assistance and Response Team (START) with assistance from the ERCS contractor initiated sampling and documentation of all wastes on site. Hazard categorization began on January 20, 1997 and was completed on January 24, 1997. An ERCS crew was mobilized on February 4, 1997 to begin containing the wastes and preparing them for transportation and disposal off site. Transformers, debris, and base-neutral liquid transported for off-site disposal between 2/4-2/17. Chromic acid liquid, caustic liquid, base-neutral liquid, hazardous waste, debris, and used PPE were transported off site for disposal between 2/18-3/3, 1997. Flammable liquid and solid, base-neutral liquid, empty drums, a mercury lab-pack, cyanide solid, potassium permanganate solid, and hydrogen peroxide liquid were transported off site for disposal between 3/4-3/19, 1997.

B. Actions Taken:

- March 20, 1997 - Vat removal continued in plater 2 and plater 4 areas. Dayton Fire Department UST inspector was on site to document the UST behind buildings 1 & 2. Two 30-yard roll-off boxes of contaminated debris were transported off site for disposal.
- March 21, 1997 - ERCS budget ceiling increased to \$1,000,000 dollars. Vat removal continued in plater 2 and 4 areas. 3735 gallons of base-neutral liquid and one 30-yard roll-off box of contaminated debris were transported off site for disposal.

- March 22-23, 1997 - No site work. Twenty-four hour site security remained on site.
- March 24, 1997 - Dayton Sewer Department on site to inspect sewer lines for degradation. Continued vat removal in plater 2 and 4 areas, and vat and debris removal were initiated in plater 3 area. Two 30-yard roll-off boxes of contaminated debris were transported off site for disposal.
- March 25, 1997 - Dayton Sewer Department video-scoped the on-site sewer lines. Video camera utilized to document approximately 400 feet of sewer line from site waste water treatment plant to valley street connection. Degradation of manhole #1 concrete observed and documented. Continued vat and debris removal in plater 2,3, and 4 areas. Three 30-yard roll-off boxes of contaminated debris were transported off site for disposal.
- March 26, 1997 - Vat and debris removal continued on plater 3 and 4 areas. Three 30-yard roll-off boxes of contaminated debris were transported off site for disposal.
- March 27, 1997 - Vat and debris removal continued in plater 2,3, and 4 areas. Three 30-yard roll-off boxes of contaminated debris were transported off site for disposal.
- March 28, 1997 - Vat and debris removal continued in plater 2, 3, and 4 areas. Two 30-yard roll-off boxes of contaminated debris were transported off site for disposal.
- March 29-30, 1997 - No site work. Twenty-four hour security remained on site.
- March 31, 1997 - Vat and debris removal continued in plater 3 and 4 areas, and vat removal was completed in plater 2 area. Area of plater 1 was decontaminated to prepare for sampling activities. Five 30-yard roll-off boxes of debris were transported off site for disposal.
- April 1, 1997 - Vat and debris removal continued on plater 3 and 4 areas. Three 30-yard roll-off boxes were transported off site for disposal. Sampling activities to determine if the site building concrete floor was contaminated. Samples were collected from the cement floor and underlying soils in all three on-site buildings.

C. Next Steps:

- Continue 24-hour site security.
- Dismantle plating line 3 for off-site disposal. Plating lines 1,2,& 4 have been removed, including 1000 cubic yards of F007 debris.
- Continue floor decontamination around all plating lines.
- No site work scheduled April 3-9, 1997. Integrated site assessment sampling scheduled for April 10-11, 1997, with OEPA. ERCS crew will re-mobilize on April 14, 1997.

D. Key Issues:

- Off site disposal of the following wastestreams is completed: transformers, chromic acid, cyanide solid, hydrogen peroxide, caustic liquid, flammable liquid and solid, oxidizing solids, labpacks, F006 filter cake.

V. COST INFORMATION

- Estimated costs as of March 28, 1997:

	Budget	Cost to Date	Remaining
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Smith Technology	1,000,000	500,303	499,697
START	50,500	36,578	13,922
EPA Direct	39,600	13,755	25,845
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Total	1,090,100	550,636	539,464